

# **EAST ZONE COMPLEX**

## **INCIDENT ACTION PLAN**

### **DAY SHIFT**

**Tuesday**  
**SEPTEMBER 19, 2006**

**P9C6LF**  
**MN-SUF-060413**

**Project 37113130**

## Fire Behavior Forecast

**Name of Fire:** East Zone Complex  
**Date:** Tuesday, September 19, 2006  
**Forecast Number:** 3  
**Prepared By:** Bruce Giersdorf FBAN  
**Signed:**

**Unit:** Gunflint RD, Superior N.F.  
**Prediction for:** Day Shift  
**Date and Time Issued:** 9/18/06, 1930 hrs.

**Fire Weather:** Low pressure moves out of the fire area today and is replaced by high pressure for the next few days. Low pressure comes back in on Thursday for the weekend. Daytime temps will be in the 50's and overnight lows in the upper 20's. Hard wind blowing on Tuesday.

Today's weather:        Showers until noon then clearing by end of shift. Getting cold overnight.  
                              Temps: upper 50's  
                              RH's    50 – 55%  
                              Winds   northwest 10 – 15 with gusts to 25

Tonight:                Clear, cold, and breezy  
                              Temp: 25 – 30  
                              RH     90 – 100%  
                              Wind:  NW 5 – 10 with some gusts early

Tomorrow:            Partly cloudy skies  
                              Temps: 55  
                              RH:    50  
                              Wind:  W 5 - 10

### Fire Behavior General Forecast:

- 1000 hr fuels will continue to burn actively.
- Probability of ignition 10%.
- Minimal fire activity should be expected.
- Activity should be more likely in the late afternoon.

**The following are predictions for fire spread in unburned fuel tomorrow.**

Fuel Model 10        mixed wood with conifer and light downed wood  
                              Forward ROS    1 - 3 ch/hr.  
                              Flame Lengths  1 - 3 feet.

**Size Projection = 2 acres in 1 hr.**

**Air Operations:** Cloud cover will be hanging in the trees in the morning. Rain could be an issue early and diminish by late morning.

### Safety:

- ✓ Remember LCES!!!!!!
- ✓ Watch the wind and the water!!!!!!!!!!!!!!!!!!!!
- ✓ Plan for the weather!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

## **Superior National Forest Minimum Impact Management Tactics**

Everyone on the incident has a responsibility to implement tactics and strategies that will minimize long term impacts on the ground, both in and out of the BWCA Wilderness.

This includes Command and General Staff, the Operations Section in their planning strategies and all resources on the line and in camp.

### **MIST Tactics in Spike Camps:**

- While there may be pre-approved exceptions to BWCAW regulations for line activities, there are no exceptions “after hours in camp”.
- Protection of water resources is paramount. Use no soap in the lakes for bathing and dishes. All soaps should be used at least 150 feet from shore.
- Transport all trash out of the wilderness as frequently as possible. If a plane is coming in with supplies, utilize that same plane for trash removal. We not want a large back-haul effort at the end.
- Hang / secure all food and trash on your site when you leave for the line during the day. Keep a clean camp.
- Chainsaw use in camp is prohibited. No cutting of live vegetation on campsites. No tree removal on campsites.

### **Mist Tactics on the line:**

- MIST tactics will be implemented on all suppression activities.
- Because of heavily damaged soils on this fire, avoid the use of straight stream water delivery from pumps and hose lays.
- Ensure that all pumps and fuel are in spill containment barriers along the waters edge.
- If conducting snag operations on or near campsites and portage trails, avoid the tendency to cut up the snags in firewood length pieces.
- Avoid suppression activity near Eagles Nests when locations are known.
- Avoid impacts on Heritage Resources. Ground disturbance to known heritage sites from line construction activities, helispot locations and mop up and holding operations must be avoided.

For other MIST Tactics, consult that section in your pocket guide.

**For all of us, our actions are an opportunity to display and demonstrate responsible, professional land stewardship.**

**Our Wilderness Ranger’s primary mission is that of Public Safety, however they will see you on the line and in your camps to advise and assist you on BWCA Wilderness considerations. Following their lead will help you succeed in your MIST efforts.**

<b>INCIDENT OBJECTIVES</b>	1. Incident Name EAST ZONE COMPLEX	2. Date 9/18/2006	3. Time 2000 hrs
4. Operational Period DAY SHIFT			
5. General Control Objectives for the Incident (include alternatives) INCIDENT OBJECTIVES: <ol style="list-style-type: none"> <li>1. Safety of all assigned personnel. We will fully implement LCES and ensure compliance with the 10 and 18.</li> <li>2. Safety of local residents, and visitors to the Forest. Coordinate with the County Sheriff and Gunflint Fire Dept.</li> <li>3. Keep the public well informed with daily updates. Issue press releases and conduct local informational meetings.</li> <li>4. Minimize impact on the wilderness. Tactics will incorporate wilderness management objectives and are appropriate for resource concerns.</li> <li>5. Primary suppression objective is to keep the fire inside the BWCAW and protect structures at the mid and upper Gunflint Trail.</li> <li>6. Implement cost effective strategies within the limits determined by the WFS.</li> </ol>			
6. Weather Forecast for Period TODAY: Showers until noon; clearing thru the PM; temps 50's; RH 50-55%; wind NW 10-15 gusts to 25 mph TONIGHT: Clear, cold and breezy; temps 25-30; RH 90-100%; wind NW 5-10 mph with some gust early evening WEDNESDAY: Clear to partly cloudy; temps mid 50's; RH 50%; wind W 5-10 mph			
7. General Safety Message HYPOTHERMIA; FROZEN SURFACES; WIND; ENVIROMENTAL FACTORS <ol style="list-style-type: none"> <li>1. Stay warm and dry!! Eat plenty of food and stay hydrated. These actions assist your body's ability to maintain its core temperature.</li> <li>2. Freezing temperatures are forecast for tonight. You will encounter conditions that will present very unstable footing. Use extra caution with any surfaces that were exposed to frost – i.e. aluminum canoes.</li> <li>3. High winds are forecasted, monitor and adjust your water travel plans accordingly. High winds will cause weakened snags to fall – watch out!!</li> <li>4. Pay attention to ground conditions and footing rocks, holes sticks and vines can cause trips and falls, PAY ATTENTION to areas your are walking in!</li> </ol>			
8. Attachments (mark if attached)			
<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Air Operations	
<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	
<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>	
9. Prepared by (Planning Section Chief) Jim Rupert		10. Approved by (Incident Commander) John Stegmeir	

ORGANIZATION ASSIGNMENT LIST			9. Operations Section			
1. Incident Name EAST ZONE COMPLEX			Chief		MIKE WURST	
			Deputy		BRIAN PISAREK	
			a. Branch I - Division/Groups			
			Branch Director			
2. Date		3. Time	Division/Group		A	DAN GRINDY
9/19/2006		2100	Division/Group		B	GREG VOLLHABER
4. Operational Period DAY SHIFT			Division/Group		Y	TOM LYNCH
			Division/Group		Z	TOM ROACH
			Division/Group		SG	BRIAN JENKINS
			Division/Group		PS	TOM KAFFINE
5. Incident Commander and Staff			b. Branch II - Division/Groups			
Incident Commander		JOHN STEGMEIR, MARK FALK	Branch Director			
Deputy			Deputy			
Safety Officer		RON GUCK	Division/Group			
Information Officer		CYNTHIA SAGE	Division/Group			
Liaison Officer		JOHN KEENAN	Division/Group			
6. Agency Representative			Division/Group			
Agency		Name	Division/Group			
USFS		DENNIS NEITZKE	c. Branch III - Division/Groups			
ARMY NG		LT.COL. MILLER				
			Branch Director			
			Deputy			
			Division/Group			
7. Planning Section			Division/Group			
Chief		JIM RUPERT	Division/Group			
Deputy			Division/Group			
Resources Unit		JON DRIMEL	Division/Group			
Situation Unit		RANDY MELL	Division/Group			
Documentation Unit			d. Air Operations Branch			
Demobilization Unit			Air Operations		KEYTH WALLIN	
Technical Specialists			Air Attack Supervisor		JOHN BECK	
Human Resources			Air Support		MIKE EILERS	
Training			Helicopter			
GIST		B. J. GLESENER	Air Tanker			
FBAN		BRUCE GIERSDORF	10. Finance Section			
SCKN		DAVID BERENS	Chief		JOHN KELLY	
			Deputy			
8. Logistics Section			Tme Unit		KEVIN O'BRIEN	
Chief		DUANE CIHLAR	Procurment Unit			
Deputy		JERRY JUSSILA	Compensation/Clai			
Supply Unit		JAY LAUER	PTRC		MARY LUCAS	
Facilities Unit		DENNIS CAMERON	Prepared by (Resource Unit Leader) JON DRIMEL			
Ground Support Unit		MARK SEGER				
Communications Unit		MIKE HAYES				
Medical Unit		MIKE MANLOVE				
Security Unit						
Food Unit						

<b>DIVISION ASSIGNMENT LIST</b>				1. Branch		2. Division/Group <b>A – Famine Fire</b>	
3. Incident Name <b>East Zone Complex</b>				4. Operational Period Date: <b>09/19/06</b> Time: <b>0700 - 1900</b>			
5. Operations Personnel							
Operations Chief		<b>Mike Wurst</b>		Division/Group Supervisor		<b>Dan Grindy</b>	
Deputy		<b>Brian Pisarek</b>		Air Operations		<b>Keyth Wallin</b>	
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time		
KBIC #2	Tom Chosa	19	N		9/23 EOS or 9/24 AM		
* Hiawatha #3	Don Mikel	20	N		9/23 EOS or 9/24 AM		
TFLD	Linden McNeilus	1	N		9/23 EOS or 9/24 AM		
EMT	Bert Hyde	1	N		9/23 EOS or 9/24 AM		
SOF2	Steve Davis	1	N		9/23 EOS or 9/24 AM		
7. Control Operations  <b>Prepare hose lay on north side of Long Island Lake and from Long to Muskeg Lake.</b>  <b>Put out spot fire on island.</b>							
8. Special Instructions  <b>Spike for 5 days.</b>  <b>Review MIST</b>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
Command	<b>170.9750</b>	<b>King</b>	<b>11</b>	<b>Air to Ground</b>	<b>169.1500</b>	<b>King</b>	<b>10</b>
Tactical Div/Group	<b>168.2500</b>	<b>King</b>	<b>2</b>				
Prepared By (Resource Unit Leader) <b>Jon Drimel</b>		Approved By (Planning Sect. Ch.)			Date <b>9/18/06</b>	Time <b>2100</b>	









<b>DIVISION ASSIGNMENT LIST</b>		1. Branch		2. Division/Group <b>Structure Group</b>			
3. Incident Name <b>East Zone Complex</b>		4. Operational Period Date: <b>09/19/06</b> Time: <b>0700 - 1900</b>					
5. Operations Personnel							
Operations Chief	<b>Mike Wurst</b>	Division/Group Supervisor		<b>Brian Jenkins</b>			
Deputy	<b>Brian Pisarek</b>	Air Operations		<b>Keyth Wallin</b>			
6. Resources Assigned This Period							
Strike Team/Task Force/ Resource Designator	Leader	Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time		
Ojibwe #4051	Steve Olson	2	N	Mid-Trail VFD 0800			
Leech Lake #1	Duane Bebeau	3	N	Mid-Trail VFD 0800			
*Gunflint 573	Rick Johnson	2	N	Mid-Trail VFD 0800			
7. Control Operations  <b>Triage Loon and Poplar Lake corridor.</b>  <b>Scout south of Gunflint Trail and Loon Lake.</b>							
8. Special Instructions  <b>Engine crews may be used as ground crews as necessary.</b>  <b>*EMTs on crew</b>  <b>Ojibwe #4051 report to Beaver Base – DMOB tomorrow evening @ 1700</b>							
9. Division/Group Communication Summary							
Function	Frequency	System	Channel	Function	Frequency	System	Channel
<b>Command</b>	<b>170.9750</b>	<b>King</b>	<b>11</b>	<b>Air to Ground</b>	<b>169.1500</b>	<b>King</b>	<b>10</b>
<b>Tactical Div/Group</b>	<b>164.1375</b>	<b>King</b>	<b>4</b>				
Prepared By (Resource Unit Leader) <b>Jon Drimel</b>		Approved By (Planning Sect. Ch.)		Date <b>9/18/06</b>		Time <b>2100</b>	



<b>DIVISION ASSIGNMENT LIST</b>				1. Branch		2. Division/Group <b>Patriot</b>		
3. Incident Name <b>East Zone Complex</b>				4. Operational Period Date: <b>09/19/06</b> Time: <b>0700 - 1900</b>				
5. Operations Personnel								
Operations Chief		<b>Mike Wurst</b>		Division/Group Supervisor				
Deputy		<b>Brian Pisarek</b>		Air Operations		<b>Keyth Wallin</b>		
6. Resources Assigned This Period								
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time	
7. Control Operations								
<b>Patrol by air.</b>								
<b>Suppress fire perimeter as needed.</b>								
<b>No resources assigned.</b>								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command								
Tactical Div/Group								
Prepared By (Resource Unit Leader)		Approved By (Planning Sect. Ch.)			Date		Time	
<b>Jon Drimel</b>					<b>9/18/06</b>		<b>2100</b>	
ICS 204							NFES 1328	

<b>DIVISION ASSIGNMENT LIST</b>				1. Branch		2. Division/Group <b>Sumpet</b>		
3. Incident Name <b>East Zone Complex</b>				4. Operational Period Date: <b>09/19/06</b> Time: <b>0700 - 1900</b>				
5. Operations Personnel								
Operations Chief		<b>Mike Wurst</b>		Division/Group Supervisor				
Deputy		<b>Brian Pisarek</b>		Air Operations		<b>Keyth Wallin</b>		
6. Resources Assigned This Period								
Strike Team/Task Force/ Resource Designator		Leader		Number Persons	Trans Needed	Drop Off PT/Time	Pick Up PT/Time	
7. Control Operations								
<b>Patrol by air.</b>								
<b>Suppress fire perimeter as needed.</b>								
<b>No resources assigned.</b>								
8. Special Instructions								
9. Division/Group Communication Summary								
Function	Frequency	System	Channel	Function	Frequency	System	Channel	
Command								
Tactical Div/Group								
Prepared By (Resource Unit Leader)		Approved By (Planning Sect. Ch.)			Date		Time	
<b>Jon Drimel</b>					<b>9/18/06</b>		<b>2100</b>	
ICS 204							NFES 1328	

<b>INCIDENT RADIO COMMUNICATIONS PLAN</b>			1. Incident Name <b>East Zone Complex</b>		2. Date/Time Prepared <b>9/19/2006 2100</b>		3. Operational Period Date/Time <b>9/20/2006 Day Shift</b>	
4. Basic Radio Channel Utilization								
Radio Type/Cache	Channel	Function	Receive Frequency/Tone	Transmit Frequency/Tone	Mode	Assignment	Remarks	
King	1	<b>Tac 1</b>	168.0500	168.0500	Narrow	<b>Division Z</b>	Redeye	
King	2	<b>Tac 2</b>	168.2500	168.2500	Narrow	<b>Division A</b>	Famine	
King	3	<b>Tac 3</b>	168.6000	168.6000	Narrow	<b>Division Y</b>	Redeye	
King	4	<b>Tac 4</b>	164.1375	164.1375	Narrow	<b>Structure Group/ Division b</b>	Famine	
King	5	<b>SUF Direct</b>	169.9250	169.9250	Narrow	<b>Public Safety Group</b>		
King	6	<b>SUF Gunflint Rptr</b>	169.9250	170.5250 110.9	Narrow	<b>Unassigned</b>	Backup Command	
King	7	<b>SUF Midtrail Rptr</b>	169.9250	170.5250 107.2	Narrow	<b>Unassigned</b>	Backup Command	
King	8	<b>LENF- Gunflint</b>	158.730 D743	155.985 D627	Wide	<b>Emergency Contact</b>	Cook County Sheriff	
King	9	<b>LENF- Midtrail</b>	158.730 D743	155.985 D743	Wide	<b>Emergency Contact</b>	Cook County Sheriff	
King	10	<b>Air/Ground</b>	169.1500	169.1500	Narrow	<b>Air to Ground Tactical</b>	All Air/Ground Operations	
King	11	<b>C-1 Repeater</b>	168.7000	170.9750	Narrow	<b>West Command</b>	All operations to ICP	
King	12	<b>C-4 Repeater</b>	166.6125	168.4000	Narrow	<b>East Command</b>	All operations to ICP	
King	13	<b>Fire Mutual Aide</b>	154.295	154.295	Wide	<b>Common Frequency with</b>	Fire Departments	
King	14/16	<b>Air Guard</b>	168.6250	168.6250 110.9	Narrow	<b>Initial or emergency contact with</b>	Aircraft	
5. Prepared by (Communications Unit) <b>Marvin Nygaard COML (T)</b>								

# SUF East Zone Complex Phone List

**MN-SUF-060413**

9/18/2006 7:44 AM

ICP Communications	218-388-0878
PIO	218-388-0969
Supply/Ordering	218-388-0632
Supply FAX	218-388- <b>0519</b>
Air Ops	218-388-0689
Logistics	218-260-4124
Ops work area	218-260-4131
Plans	218-260-4126
Medical Unit	218-260-4128
Mapmobile	218-260-4125
Finance	218-260-4127
Ground Support	Pending

CKC Helibase	218-387-3069
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Gunflint Ranger District	218-387-1750
Tofte Ranger District	218-663-7260
Sea Gull Guard Station	218-388-2215
FAX	218-388-2219
Public Pay Phone	218-388-9995

Cook County Sheriff	218-387-3030
Norshore Hospital –GM	218-387-3040

MIFC General	218-327-4436
FAX	218-327-4527
MIFC Dispatch	218-327-4558
FAX	218-327-4528
Northeast Fire Cache	218-327-4578
FAX	218-327-4581

## **Expanded Dispatch**

Equipment & Supplies	218-327-4481
Overhead	218-327-4431
Crews	218-327-2349
Aircraft	218-327-4186

<b>MEDICAL PLAN</b>	1. Incident Name East Zone Complex	2. Date Prepared 9/18/06	3. Time Prepared 1600	4. Operational Period 9/19/06 day							
5. Incident Medical Aid Station											
Medical Aid Stations		Location			Paramedics Yes No						
Sea Gull Ranger Guard Station - ICP 218-388-0517		Sea Gull Guard Station				x					
6. Transportation											
A. Ambulance Services											
Name		Address		Phone		Paramedics Yes No					
Gunflint Ambulance		Gunflint Trail		218-387-3030 or 911			x				
Cook Co. Ambulance		Grand Marais		218-387-3030 or 911			x				
Luke's I (Air)		Duluth		800-824-5773		x					
Life Flight (Air)		Duluth		800-447-5540		x					
B. Incident Ambulances											
Name		Location			Paramedics Yes No						
7. Hospitals											
Name		Address		Travel Time Air Ground		Phone		Helipad Yes No		Burn Center Y N	
Sawtooth Medical Center		Old Gunflint Tr. & 5 <sup>th</sup> Grand Marais			1hr	218-387-2330		n/a			
North Shore Hosp.		Old Gunflint Tr. & 5 <sup>th</sup> Grand Marais			1hr	218-387-3269		x			x
St. Mary's		407 E. Third St. Duluth		1hr	2-3	218-786-4000		x			x
St. Luke's		915 E. First St. Duluth		1hr	2-3	218-249-5555		x			x
Miller-Dawn		502 E. Second St. Duluth		1hr	2-3	218-727-8762		x		x	
8. Medical Emergency Procedures											
<p>For Line emergency, notify direct supervisor and DIVS of emergency with description (Illness-injury).</p> <p>DIVS contact ICP communication and EMT's in area of emergency for assistance.</p> <p>Communications contact MEDL/OPS/SOF of Medical Emergency. MEDL with DIVS determine transportation mode.</p> <p>MEDL to arrange for transportation.</p>											
Prepared by (Medical Unit Leader) Mike Manlove						10. Reviewed by (Safety Officer) Ronald Guck					



# AIR OPERATIONS SUMMARY

PREPARED BY: Keyth Wallin

PREPARED DATE/TIME: 9-18-06/2100

1. INCIDENT NAME: East Zone Complex	2. OPER PERIOD DATE: 9-18-06      START: 0800 STOP: 1915	3. # OF COPIES NEEDED: 15
4. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, TFR Coordinates, etc.): TFR coordinates: 48 07..22' / 90 56.30'; 48 08.01' /90 50.16'; 48 05.52'/90 23.19'; 47 53.26'/90 23.02'; 47 53.19'/90 56.23'. Patriot Fire-48 07.25' / 90 53.22'   Sumpet Fire-- 47 46.50' / 91 10.78'   Famine Fire(origin)-47 57.63' / 90 43.15' Red Eye Fire—47 58.56' / 90 33.55'   NOTICE NEW FREQUENCIES FOR COMMAND REPEATERS Lace Lake Helispot: 48 02.37'/9027.68'   H-6 (Famine Fire): 47 59.67'/90 43.39'		5. TFR: Radius:_____NM Altitude:    5500                      MSL Centerpoint: Lat: Long:

6. PERSONNEL	Phone	7. FREQUENCIES	AM	FM	8. FIXED-WING	# Avail / Type / Make-Model / FAA N# / Base(s)
AOBD: Keyth Wallin	388-0689	AIR/AIR FW:	122.425		AirtankerCL215	Hibbing, Ely, Bemidji
ATGS: John Beck 940-	389-0241	AIR/AIR RW:				
HLCO:		AIR/GROUND:		169.150N	Leadplanes	
ASGS: Mike Eilers	388-0689	COMMAND RPT C4:	Rx:166.6125	Tx:168.400	ATGS Aircraft:	Air Attack 1—Ely      East Zone Air Attack---CKC
HEBM: Bill Schuster	389-3069	COMMAND RPT C1:	Rx:168.700	Tx:170.975		Air Attack1--Hibbing
		DECK:	168.350		Other	3 Beavers and 98V on floats in Ely

## 9. HELICOPTERS (Use Additional Sheets As Necessary)

FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
H25	1	Blackhawk	CKC	0900	As needed		HT733	1	Sikorsky S-64	ELO	0830	As needed	
H58	1	Black hawk	CKC	0900	As needed								
356EV	3	AS 350	CKC	0900	1000								
H06	1	Black Hawk	CKC	0900	As needed								

## 10. TASK/MISSION/ASSIGNMENT (Use ICS-220a if additional space needed; Type/Function includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, etc.)

TYPE/FUNCTION	NAME OF PERSONNEL OR CARGO (if applic) OR INSTRUCTIONS FOR TACTICAL AIRCRAFT	MISSION START	FLY FROM	FLY TO
Logistical	Helitac to improve H-6	0900	CKC	H-6(Famine)
personnel	Insert Maine crew and supervision to H-6 (25) after helispot improvements completed, retract for E.O.S		Lace Lk.HS	H-6
personnel	20 person crew w/gear and canoes to Winchell (tentative)	0800	Gunflint Lake	Winchell
Tactical	Air Attack 1 over fire @ 0900	0900	CKC	Fires
Logistical	Supply equipment to Winchell	0800	Gunflint Lake	Winchell
Logistical	Supply equipment to Gaskin	0800	Gunflint Lake	Gaskin



## HEALTH AND SAFETY MESSAGE

EAST ZONE COMPLEX

SEPTEMBER 19, 2006

OPERATIONAL PERIOD: 0700-1900

### MAJOR HAZARDS AND RISKS:

1. Hypothermia
2. Frozen Surfaces
3. Wind
4. Environmental Factors

"THERE WAS A HELL OF A LOT THEY DIDN'T TELL  
ME WHEN I SIGNED ON WITH THIS OUTFIT !"

### NARRATIVE:

1. Stay warm and dry!! Allowing your body to cool down causes it to reduce the flow of blood to vital organs. This results in a reduction of bodily functions=HYPOTHERMIA! Eat plenty of food and continue to stay hydrated. These actions assist your body's ability to maintain its core temperature.
2. Freezing temperatures are forecasted for tonight. As a result you will encounter conditions that will present very unstable footing. Use extreme conditions on any surfaces that were exposed to frost especially aluminum canoes.
3. Higher winds are also forecasted later in the day. Monitor wind speeds and adjust your water travel plans accordingly. Do not get exposed to water conditions unsafe for boat or canoe travel. Also high winds will cause many weakened snags to fall so be on the lookout!!
4. There are many sharp rocks exposed, hidden holes, numerous sticks and vines that can cause you to trip or fall. Look where you are going and pay attention to the ground conditions you are walking on. Being careful and taking the time to do tasks right prevents injuries!

**REMEMBER WE ARE HERE TO SUPPORT YOU SO  
WHATEVER WE CAN PROVIDE YOU WITH, WE  
WILL DO WHAT WE CAN!!!!**

**HAVE A SAFE DAY!**